METHOD AND SYSTEM FOR EXTRACTING METAL FROM GLASS WASTE

Abstract of the Disclosure

A method and systems are provided for extracting heavy metal from glass waste. Glass is initially crushed to a diameter size between about 10 nanometers and about 2 millimeters. The glass is then added to a tank having a solution of water and acid, where the acid removes metal from the surface of the glass particles. In some embodiments, the solution and glass particles are elevated to a configurable temperature above ambient temperature and circulated for a configurable period of time. The solution is then separated from the glass particles. In some embodiments, the glass particles are then rinsed while in transit to a final destination or in a separate rinsing tank.